

WHAT IS CLAIMED IS:

Sub 1. A communication method for transmitting data from a server to a requesting computer, said method comprising steps of:

receiving a request for a data item at the server;

5 receiving a speed indication signal at the server from the requesting computer; and

transmitting at least a portion of the data item to the requesting computer at a rate based on the speed indication signal.

2. A communication method according to claim 1 in which the transmitting step comprises substeps of:

determining a block size based at least on, the speed indication signal;

determining a period based at least on, the speed indication signal;

transmitting a plurality of blocks of data, each of the blocks having the block size and being transmitted at intervals substantially equal to the time period.

3. A communication method according to claim 1, further comprising steps of:

accessing a remote computer indicated in an address included in the request; and

receiving the first data item from the remote computer.

4. A communication method according to claim 1 further comprising steps of reading the data item from a memory associated with the server.

**EXPRESS MAIL NO.: EL470370879US**

A communication method for transmitting data from a server to a requesting computer, said method comprising the steps of:

accepting a user request for a data item at a client computer;

accepting a user input speed setting at the client computer;

5           generating a schedule for issuing pause transmission and resume transmission  
signals based on the user input speed setting;

transmitting the user request for a data item to a server computer;

sending a sequence of pause transmission and resume transmission signals from the client computer to a server computer according to the schedule.

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)	(37)	(38)	(39)	(40)	(41)	(42)	(43)	(44)	(45)	(46)	(47)	(48)	(49)	(50)	(51)	(52)	(53)	(54)	(55)	(56)	(57)	(58)	(59)	(60)	(61)	(62)	(63)	(64)	(65)	(66)	(67)	(68)	(69)	(70)	(71)	(72)	(73)	(74)	(75)	(76)	(77)	(78)	(79)	(80)	(81)	(82)	(83)	(84)	(85)	(86)	(87)	(88)	(89)	(90)	(91)	(92)	(93)	(94)	(95)	(96)	(97)	(98)	(99)	(100)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	

**EXPRESS MAIL NO.: EL470370879US**

6. A communication system for transmitting data from a server to a requesting computer comprising:

a means for receiving a request for a data item at the server;

a means for receiving a speed indication signal at the server from the requesting

5 computer;

a means for transmitting at least a portion of the data item to the requesting computer at a rate based on the speed indication signal.

7. A communication system according to claim 6 in which the transmitting means comprises:

a means for determining a block size based, at least on, the speed indication signal;

a means for determining a period based, at least on, the speed indication signal;

a means for transmitting a plurality of blocks of data, each of the blocks having the block size and being transmitted at intervals substantially equal to the time period.

8. A communication system according to claim 6, further comprising:

a means for accessing a remote computer indicated in an address included in the request; and

a means for receiving the first data item from the remote computer.

9. A communication system according to claim 6 further comprising means for reading the data item from a memory associated with the server computer.

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a means for accepting a user input speed setting at the client computer;

a means for transmitting the user request for a data item to a server computer;

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姓名	性别	年龄	籍贯	职业	文化程度	健康状况	婚姻状况	子女情况	其他
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李秀英	女	38	河北	教师	大学	良好	已婚	1子1女	
张国强	男	52	河南	农民	初中	一般	已婚	3子2女	
赵红梅	女	41	江苏	医生	大专	良好	已婚	1子1女	
孙为民	男	35	浙江	工程师	本科	良好	已婚	1子1女	
周丽娟	女	29	湖北	护士	中专	良好	已婚	1子1女	
吴大伟	男	48	安徽	干部	高中	良好	已婚	2子1女	
郑小芳	女	33	江西	会计	大专	良好	已婚	1子1女	
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黄志强	男	42	广东	商人	高中	良好	已婚	2子1女	
徐文娟	女	31	广西	护士	中专	良好	已婚	1子1女	
郭为民	男	47	四川	工人	初中	一般	已婚	3子2女	
梁小红	女	39	云南	教师	大学	良好	已婚	1子1女	
周国强	男	50	贵州	农民	初中	一般	已婚	3子2女	
吴丽娟	女	34	陕西	医生	大专	良好	已婚	1子1女	
孙大伟	男	43	甘肃	干部	高中	良好	已婚	2子1女	
郑小芳	女	32	宁夏	会计	大专	良好	已婚	1子1女	
陈永年	男	53	青海	工人	初中	一般	已婚	3子2女	
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黄志强	男	44	内蒙古	商人	高中	良好	已婚	2子1女	
徐文娟	女	30	黑龙江	护士	中专	良好	已婚	1子1女	
郭为民	男	46	吉林	工人	初中	一般	已婚	3子2女	
梁小红	女	38	辽宁	教师	大学	良好	已婚	1子1女	
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11. A computer readable medium containing programming instructions for data communication comprising programming instructions for:

receiving a request for a data item at a server;

receiving a speed indication signal at the server from the requesting computer;

transmitting at least a portion of the data item in accordance with the speed indication signal.

12. A computer readable medium according to claim 11 wherein the programming instruction for transmitting comprises programming instructions for:

determining a block size based on, at least, the speed indication signal;

determining a period based on, at least, the speed indication signal;

transmitting a plurality of blocks of data, each of the blocks having the block size and being transmitted at intervals substantially equal to the time period.

13. A computer readable medium according to claim 11, further comprising programming instructions for:

accessing a remote computer indicated in an address included in the request; and receiving the first data item from the remote computer.

14. A computer readable medium according to claim 11, further comprising programming instructions for reading the data item from a memory associated with the server computer.

**EXPRESS MAIL NO.: EL470370879US**

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15. A computer readable medium containing programming instructions for data communication comprising programming instructions for:
- accepting a user request for a data item at a client computer;
  - accepting a user input speed setting at the client computer;
  - 5 generating a schedule for issuing pause transmission and resume transmission signals based on the user input speed setting;
  - transmitting the user request for a data item to a server computer;
  - 10 sending a sequence of pause transmission and resume transmission signals from the client computer to a server computer according to the schedule.
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